



(19)

59215838 A

59215838 A

(11) Publication number:

Generated Document.

PATENT ABSTRACTS OF JAPAN

(21) Application number: 58092754

(22) Application date: 24.05.83

(30) Priority:

(43) Date of application
publication: 05.12.84(84) Designated contracting
states:

(51) Int'l Cl.: B29F 1/00

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(54) MOLDING APPARATUS**(57) Abstract:**

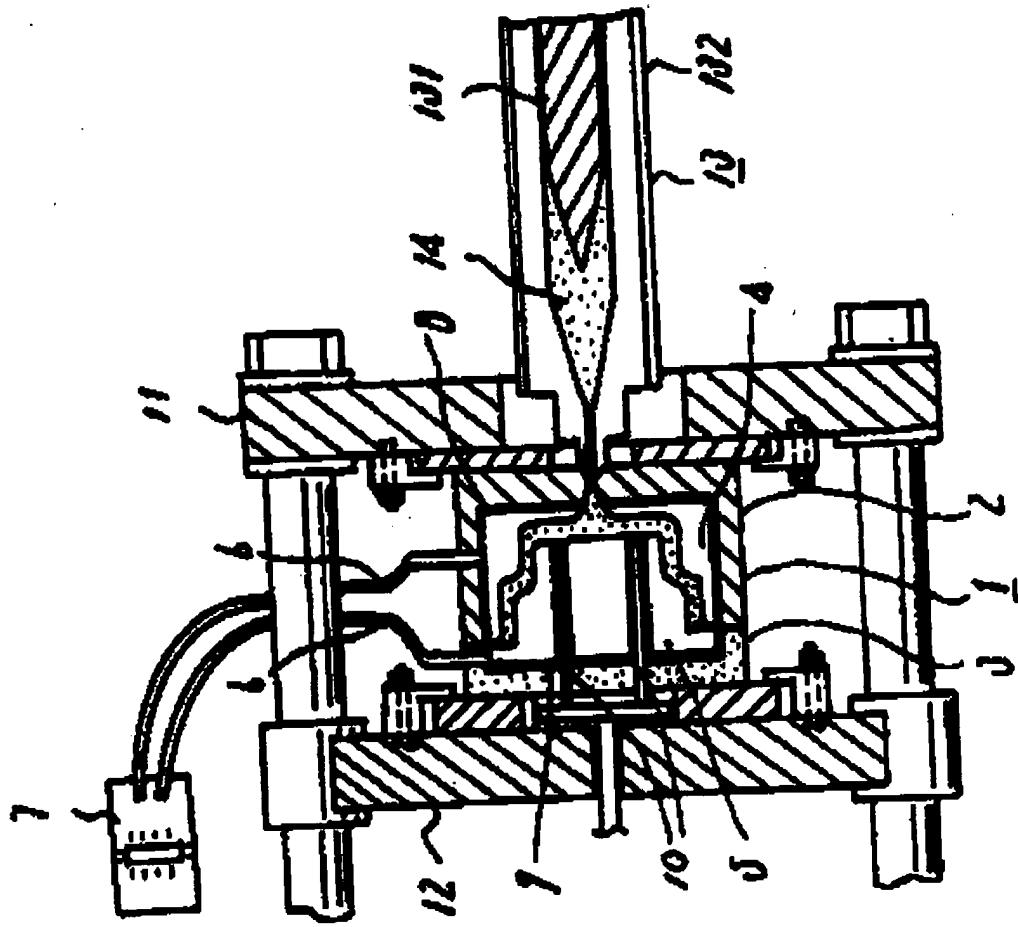
PURPOSE: To improve the safety enabling the prevention of possible ozone and others by introducing ultraviolet rays into a cavity core with an optical fiber from an ultra violet ray source provided separate from the cavity core to irradiate a molding material.

CONSTITUTION: An ultraviolet ray hardening molding material 14 is injected into a die 1 from an injection

59215838 A

molding machine 13 to fill the space between a cavity core 5. Then, ultraviolet rays irradiate the cavity 4 and the cavity core 5 separately via an optical fiber 6 from a ultraviolet ray irradiation source 7. The ultraviolet rays are irradiated on the molding material filled between the cavity and cavity core being reflected on reflection layers 8 and 9 to solidify the molding material quickly. The molding thus solidified is released from the die by sticking out an ejector pin 10 from the cavity core 5 at the opening of the die.

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8/23/2004

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59215838 A

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